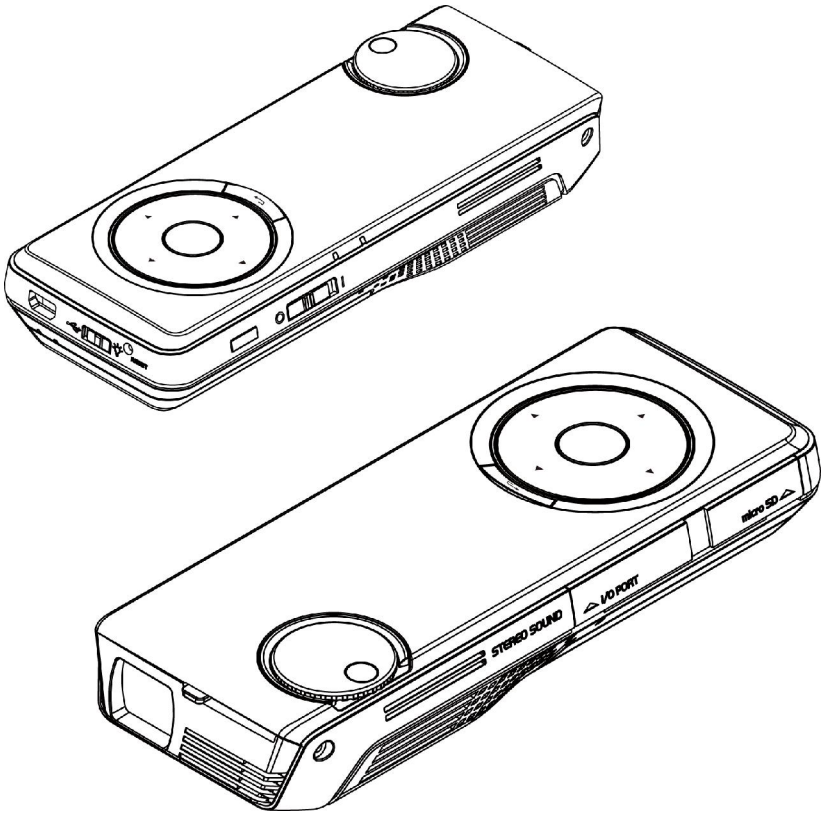

Cinema on–the–GO !

RMP-8200

User's Manual

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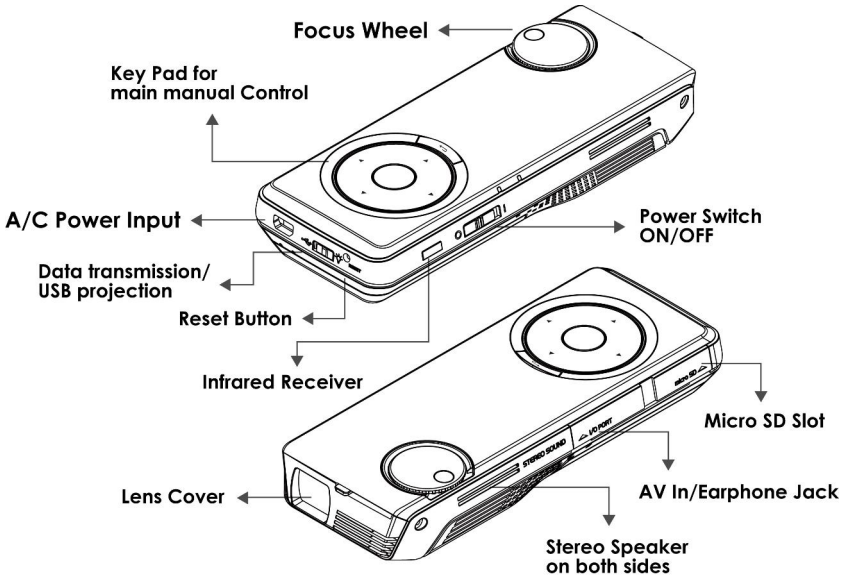
Introduction

Thanks for purchasing RoyalTek's product.

What is inside the box:

- RMP-8200 CINEMA ON-THE-GO
- AC/DC Power adaptor(EU/UK/US plugs)
- Rechargeable battery
- USB cable
- A/V cable
- Tripod
- Remote control
- Carry Pouch

Overview



System Requirement:

- Windows 7, Vista (32bits & 64bits), XP (32bits & 64bits)
- USB port (1.1 or above, 2.0 recommended)

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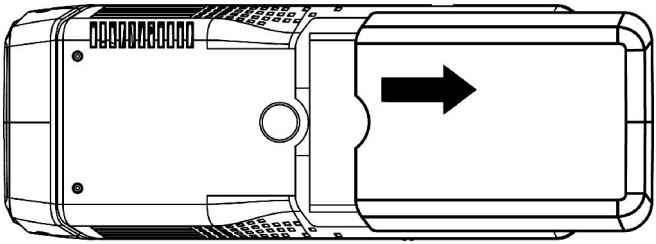
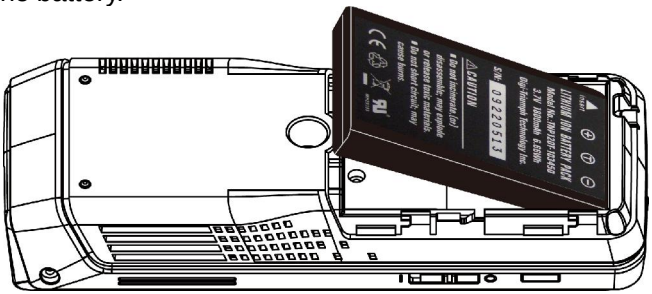
Getting Started

Insert the battery

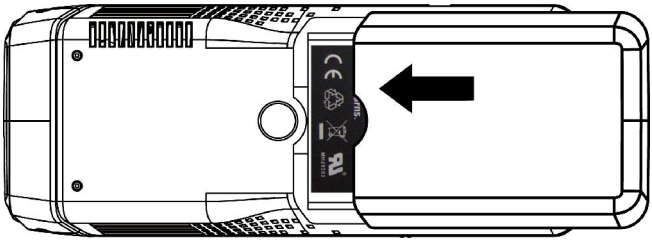
1. Slide the battery cover.



2. Insert the battery.



3. Replace the battery cover and slide it up gently until hearing a click.



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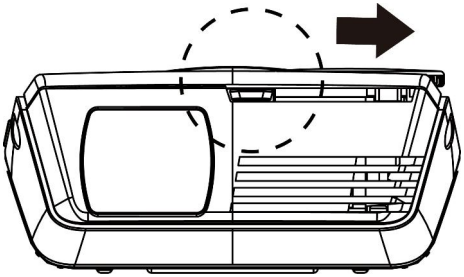
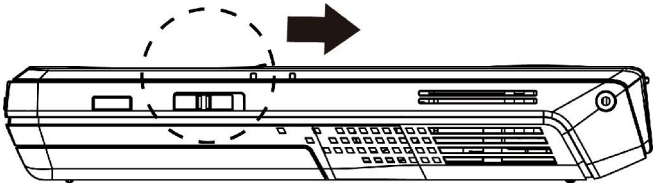
Slide the lens cover to the other side



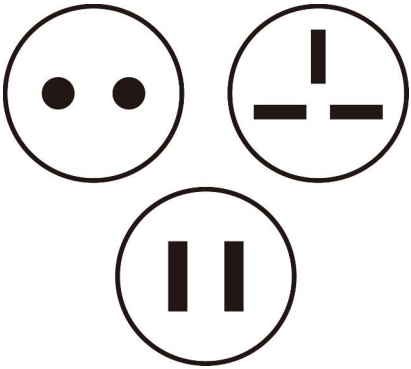
Switch on the power button. From “O” side to “I”.



Before you use, we suggest you to fully charge the battery.
It will take around 2.5 hours for battery charging.

Power adaptor

1. Select the correct plug for your environment.



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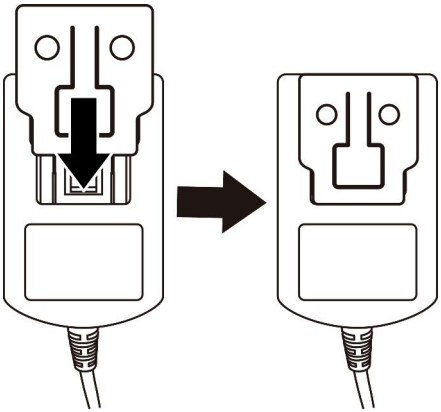
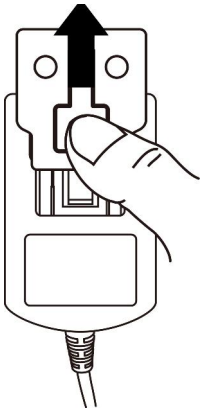
2. Connect the plug to the power adapter.



To disconnect, please push the button and push out the plug.



Notes:

If The RMP-8200 CINEMA ON-THE-GO power is off, allow 3 hours for the battery to fully recharge. The battery will stop charging if The RMP-8200 CINEMA ON-THE-GO power is on to avoid damage caused by high operating temperature. The battery can also be charged by connecting The RMP-8200 CINEMA ON-THE-GO to a computer USB port. This method will fully charge the battery in six hours. The battery has a lifespan and ages every time it is fully charged and discharged. The battery will gradually loose charge capacity as it ages. Therefore, as the battery ages the battery life will decrease due to natural loss.

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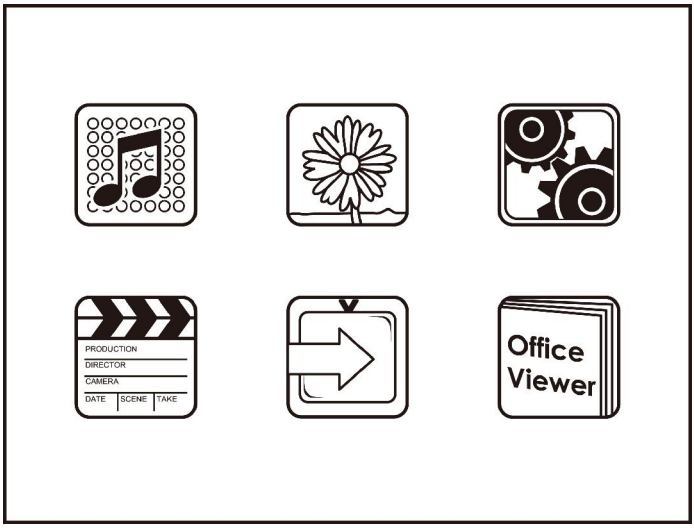
Connections

The RMP-8200 CINEMA ON-THE-GO is designed to project with built-in memory or via expandable Micro SD card slot or connecting to other media devices.

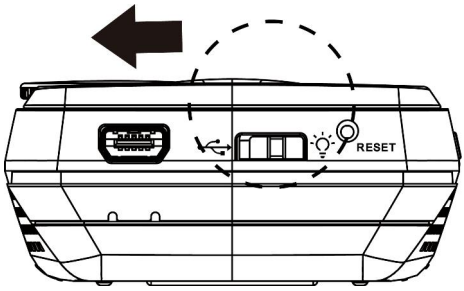
Connecting to a Notebook or Personal Computer

Use the USB cable to connect The RMP-8200 CINEMA ON-THE-GO to desktop computers, laptop computers, ultra-portable computers for data transfer.

Turn on the power and read the main menu as follows:



Push the switch to side. Connect USB cable to your PC



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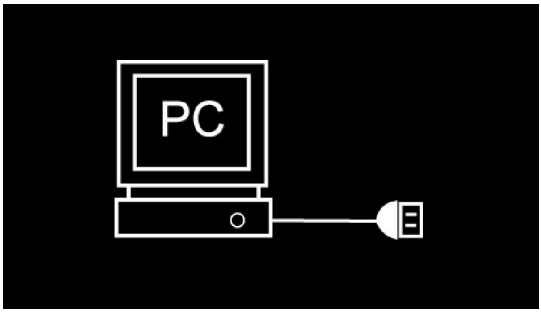
When the main menu disappears, the connection succeeded and home screen shows.



You can proceed with the data transfer.

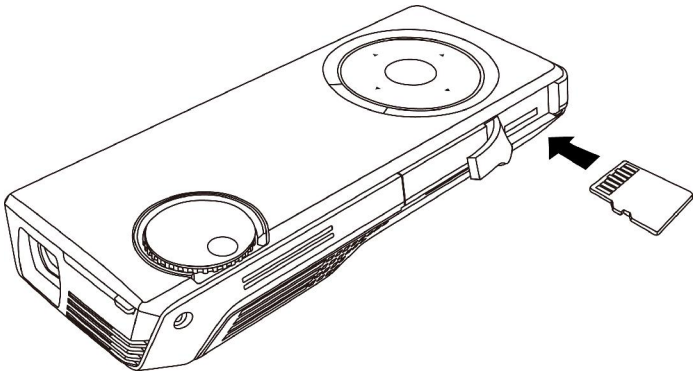
Note:
To conserve power, The RMP-8200 CINEMA ON-THE-GO will stop projecting an image while connected to a computer USB port.

Via Micro SD card/T Flash card

Store the files you wish to project in a Micro SD or T/F card.

- **Insert the Micro SD Card/T Flash card**

  Pull back the cover and insert the memory card.
  The memory card's electrical contacts should face up.



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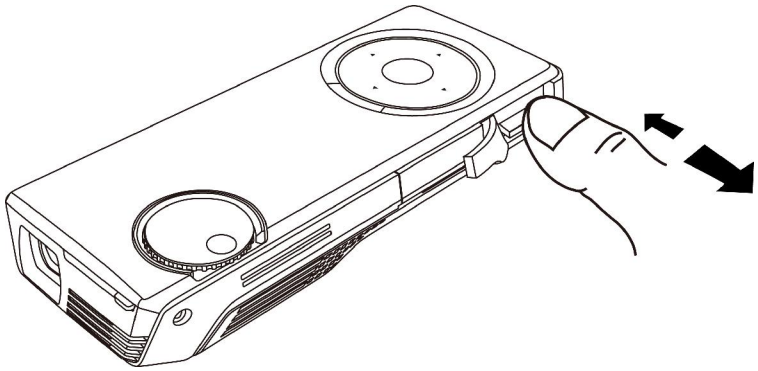
l **Remove the memory card**

Pull back the cover and push to release the memory card.

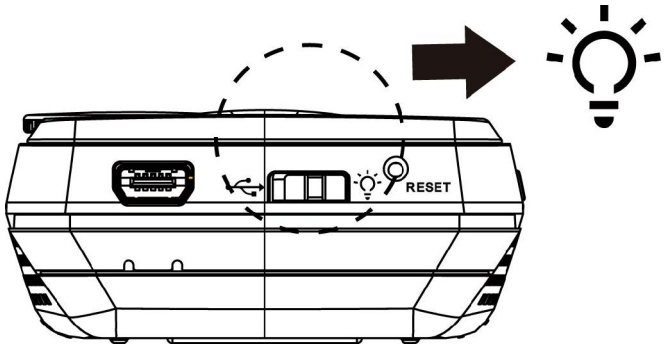


When the main menu disappears, the connection succeeded and you can proceed with the data transfer.

Note:

To conserve power, The RMP-8200 CINEMA ON-THE-GO will stop projecting an image while connected to a computer USB port.

To project, switch to side as and unplug USB cable.
The main menu will show.



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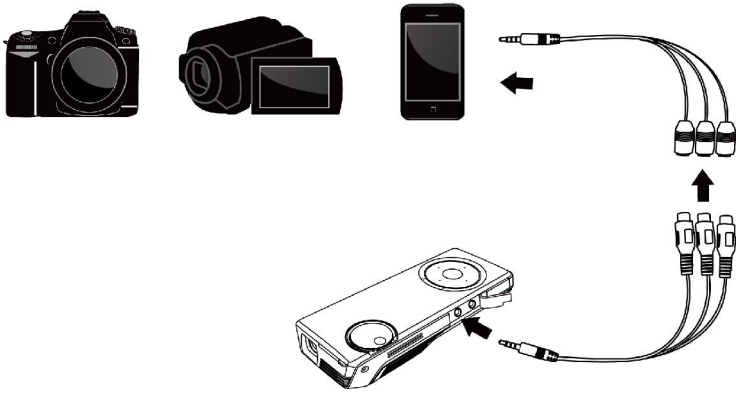
Connecting to a Composite Video Device

Use the A/V cable to input video from camcorders, digital cameras, DVD players, smart phone with TV-out function and digital media players into the AV input on The RMP-8200 CINEMA ON-THE-GO .

a. Connect the AV cable to The RMP-8200 CINEMA ON-THE-GO 's AV input.
b. Connect the other end of the AV cable to the video device's audio and video outputs.



Some video devices do not have the standard audio and video connections and may require an AV cable specified by the vendor. The AV cable allows you to connect your video device to your TV monitor or your projector. Also may be purchased from the video device vendor. When you have the AV cable, use the cable adapter to connect the video device cable and The RMP-8200 CINEMA ON-THE-GO cable.

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Remote control

Function	Description
	ESC
	Mute
	Up/Volume up (hot key)
	Down/Volume down (hot key)
	Left
	Right
MENU	Enter
	TAB (MENU change)
	Brightness High/Low
VOL +	Volume up
VOL −	Volume down

Intended Use

The RMP-8200 CINEMA ON-THE-GO is designed to operate with the ROYALTEK-specified battery and power adapter in normal office or home environments.

0˚–30˚C (32˚–86˚F)
10–40% RH (without condensation)
0–1829 m (0–6000 feet) above sea level

The operating environment should be free of airborne smoke, grease, oil and other contaminants that can affect the operation or performance of The RMP-8200 CINEMA ON-THE-GO.

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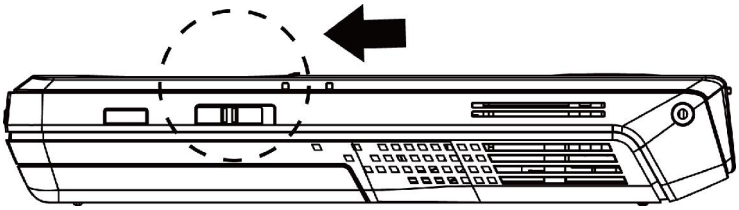
Powering Off

Switch off the power button. From “I” side to “O”.



Status Indicator Light

The status indicator light provides information about The RMP-8200 CINEMA ON-THE-GO ’s state.

Green：The RMP-8200 CINEMA ON-THE-GO is powered on
Amber：The RMP-8200 CINEMA ON-THE-GO is charging the battery
Red：Low battery
Blue：Key pad

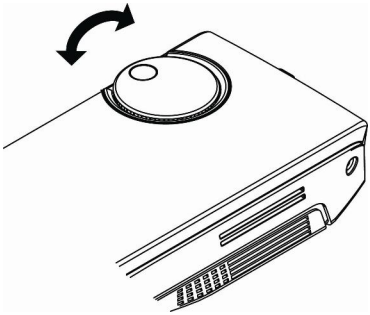
Adjusting Image Size

The RMP-8200 CINEMA ON-THE-GO can project a diagonal image of 8 to 60 inches (203–1524 mm).

Note:

As increases the size of the projected image, you will need to decrease (darken) the room lighting.

Adjusting the Focus



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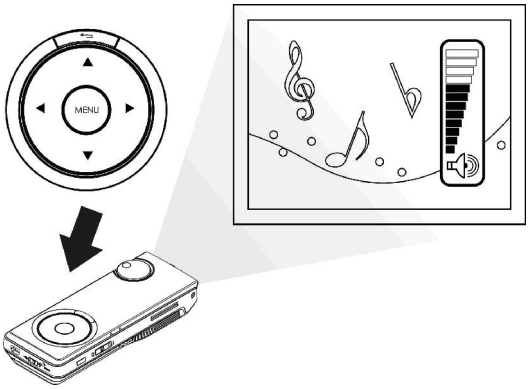
Control the Brightness

The brightness mode can be accessed in setting menu . Press the right or the left button for medium or high.

Control Volume

While playing music or video files, push the ▲ button for volume up and ▼for volume down when connected to a video or music source during video or song playback.



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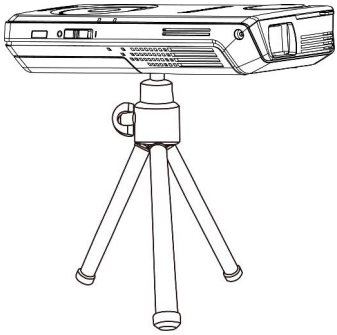
Checking the Battery Level

The amount of charge currently in the battery displays in the status bar battery icon at the top right of the screen.

Attaching the Tripod

The RMP-8200 CINEMA ON-THE-GO includes a table-top tripod that mounts to the bottom of the.



Tip: RMP-8200 CINEMA ON-THE-GO will attach to most camera tripods.

Using the Micro SD Card Slot

The RMP-8200 CINEMA ON-THE-GO has a Micro SD card slot for expanding up to 32 GB card. You can either place files on the card before you insert it into The RMP-8200 CINEMA ON-THE-GO 's card slot or while The RMP-8200 CINEMA ON-THE-GO is connected to a USB port on a computer.

Insert Micro SD Card

Insert the Micro SD Card/T Flash card
Pull back the cover and insert the memory card. The memory card's electrical contacts should face up.

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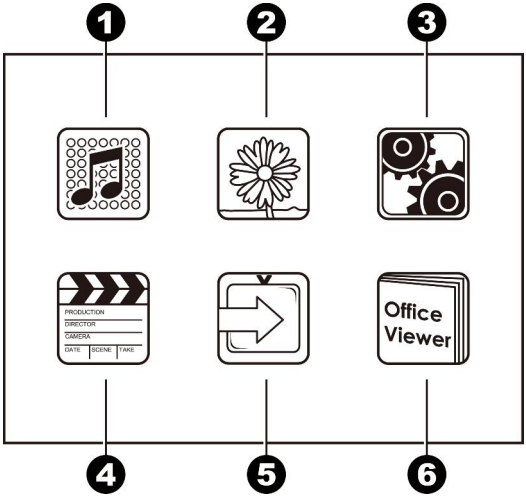
Using

Main Menu

At power on, the main menu will display for choice. The RMP-8200 CINEMA ON-THE-GO provides an easy way to view all functions with their own icon. Each file list icon, when chosen, displays a listing of all files in the internal memory or Micro SD card. For example, when you choose the document file list, The RMP-8200 CINEMA ON-THE-GO will display all *.doc and *.pdf files.



Main MENU

1. MP3
2. Photo files
3. Settings
- Audio Option
- Display Option
- Timer Mode
- System Option
- Languages
- Information
- System Upgrade

4. Video files
5. AV in
6. Office Viewer
Micro SD Card: When a Micro SD card is installed in the slot, this icon will

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display in the list. Select icon to display the contents of the Micro SD card.

Video and Audio File Support ❶ ❹

There are many video and audio file formats. They contain various types of encoded video and audio. The table below shows the file type and video and audio codecs that the RMP-8200 CINEMA ON-THE-GO can read the decode. The table shows the file containers and video and audio formats that the RMP-8200 CINEMA ON-THE-GO supports. Because of differences in video and audio encoders, some of these files that are listed may still not play.

Video Files Support

Video Decoder	**Profile, Level**	**Max. resolution & fps**	**Max. Bitrate**
H.264	BP, L3	D1, 30fps	2Mbps
MPEG4	ASP, SP, AVC	D1, 30fps	2Mbps
Audio or Speech Decoder	**Layer, Version, or Mono/Stereo**	**Sampling Frequency**	**Max. Bitrate**
MP3	MPEG-1 layer 1, 2, and 3 Audio	48kHz	320kbps
Container	**Video Decoder**	**Audio or Speech Decoder**	
*.avi	H.264, MPEG4	MP3	
*.mp4	H.264, MPEG4	MP3 or AMR-NB or AMR-WB	
*.mov	H.264, MPEG4	MP3 or AMR-NB or AMR-WB	
*.3gp	H.264, MPEG4	AMR-NB or AMR-WB	
Image Container	**Audio Format**	**Max. MPixels**	
*.jpg	JPEG	7MB	
*.bmp	Bitmap	2MB	

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	Play the music; the music is playing
	Pause the music; the music is paused
	Stereo sound is on
	left channel is on
	right channel is on
	next - skip the music for next one
	previous - back to previous one
	Play all Once; This plays all music once on either the MicroSD card or internal memory and then returns to the media file list. The play location depends on the first song played
	Shuffle play: plays music at random
	Repeat this one; Plays the selected file one time and returns to the media file list
	Repeat All: This plays all music continuously on either the MicroSD card or internal memory. The play location depends on the first song played

Pause Playback

1. Press the MENU button to pause video and audio playback.
2. Press the MENU button again to resume playback.

Skip to Previous or Next File During Playback

1. Press the BACK and choose button and press to be back to file list.
2. Press the NEXT button to skip or Press the PREVIOUS to the previous file.

Return to File List

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Press the BACK button to return to the Main Menu.

Photo View ❷

The photo view displays thumbnails of files in the internal memory or the Micro SD card. You can show one picture at a time or a slideshow, with or without background music in the photo view

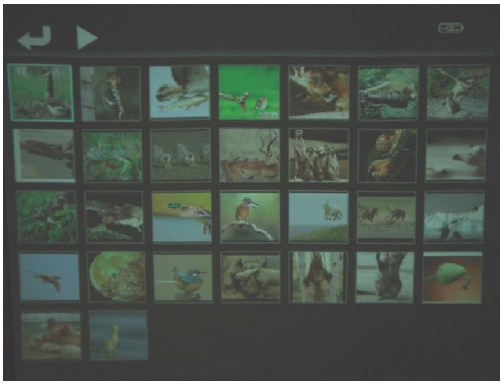

Photo File Support

The RMP-8200 CINEMA ON-THE-GO can open and display bitmap (.bmp), gif and jpeg (.jpg) files. The RMP-8200 CINEMA ON-THE-GO supports up to a 2M (two megapixel) bitmap file or a 7M (seven megapixel) jpeg file.

View a Photo

1. Use the key pad buttons to select a photo as wished to view. The RMP-8200 CINEMA ON-THE-GO will display up to 35 photo thumbnails at a time. Press the DOWN button to see other thumbnails further down the file list.
2. Press the MENU button to view the photo.

Skip to the Next or Previous Photo

Press the BACK button on the key pad and press the NEXT ⏭ button to skip to the next file in the file list or Press the PREVIOUS ⏮ to the previous in the file list.

Start and Pause a Photo Slideshow

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1. Once the thumbnails is on, press button to start the photo slideshow.
2. During a photo slideshow, press BACK to pause the slideshow. Move to and press to resume playback.
3. During a photo slideshow, press button to turn on background music from the files in music files and press back button back to Setting for turning off background music during slideshows.

Return to File List

Press the BACK (in amber) button to return to the photo thumbnail view.

Settings ❸

Audio Option – press UP and Down to select

Equalizer – Press MENU and move UP and DOWN to select your preferred sound field from Normal, Classical, Jazz, Pop, Rock & Bass and press Menu to confirm

Background music – Move to turn on and to turn off.

Track – Press or to select from Left, Right to Stereo

Display Option – Press UP and Down to select

Brightness – Press or to select from High to Medium

Gamma – Press or to select from MODE 0 TO 15

Timer Mode – Photo Slide Interval
Press **or** to select from 5, 10, 20, 30 or 60 Seconds

System Option – Press UP and Down to select

Load Default Setting – Press Yes or No to load your default Settings

Format Memory – Press “Yes” or “No” to format internal memory
press “Yes” will format memory which will lead your files deleted.

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Format MicroSD Card – Press “Yes” or “No” to format memory

⚠ press “Yes” will format memory of Micro SD card which will lead your files deleted.

Languages – Press MENU and move UP and DOWN to select your preferred language from English, Traditional Chinese, Simplified Chinese, French, German, Spanish, Portuguese, Italian, Turkish or Japanese.

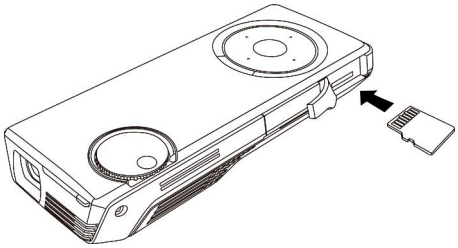
Information – Shows model name, SW version, Manufacture Date, and memory sizes

System Upgrade – If a software update becomes available, ROYALTEK will post the file and instructions on the ROYALTEK website.

The following instructions will guide you to upgrade the RMP-8200 CINEMA ON-THE-GO.
For update, you need to

1. Copy and paste the folder (Folder name: upgrade) into the root of your Micro SD card.

2. Insert the Micro SD card into RMP-8200 CINEMA ON-THE-GO and plug in AC adaptor.



3. Switch on the power and find the screen as below then select setting icon.

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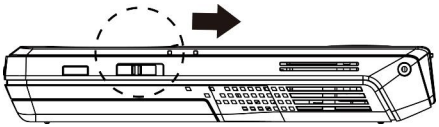
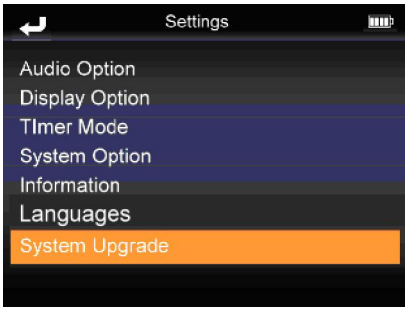
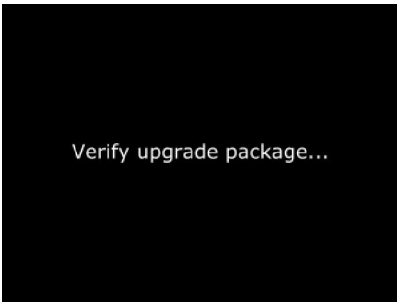


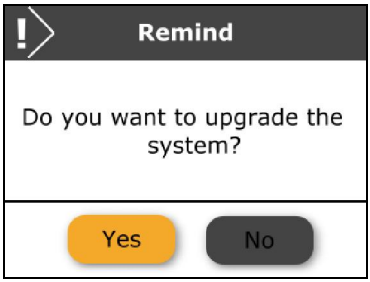
4. Select “System Upgrade”.



5. Then your will see the message as below. Please wait around 10 minutes.



6. If you want to upgrade the system, please select “Yes”.



7. You will find the flicker of screen while upgrading. When the progress finished, the system will reboot automatically. While it shows the start up

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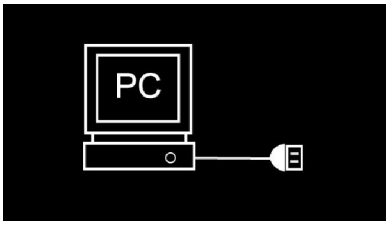
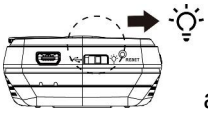
screen, the system upgrade is complete.

When the main menu disappears, the connection succeeded and home screen shows



You can proceed with the data transfer.

Note:
To conserve power, The RMP-8200 CINEMA ON-THE-GO will stop projecting an image while connected to a computer USB port.

To project, switch to side as  and unplug USB cable. The main menu will show.

⚠ When the update is performed, all files on RMP-8200 CINEMA ON-THE-GO will be deleted. Please back up your files on the internal memory before performing the update.

A/V in ❺

See Page "Connecting to a composite Video Device"

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Once a video source device is on, RMP-8200 CINEMA ON-THE-GO projects the video. Press the BACK button to return to the main menu.

Office Viewer ❻

Selecting a File and Opening It

1. Navigate to a file by pressing the up or down button on the key pad.
2. Press the MENU button to the open the file.

Document and PDF Files

The RMP-8200 CINEMA ON-THE-GO uses the Picsel File Viewer to open and view Microsoft® Word files and Adobe PDF files.

Document File Support

Supported Versions

The office viewer supports Microsoft® Word 95, Microsoft® Word 97, Microsoft® Word 2000, Microsoft® Word 2003, Microsoft® Word 2007 doc and docx files, and and Adobe® PDF versions 1.0 to 1.4..

Font Support

The RMP-8200 CINEMA ON-THE-GO has limited font support and the office viewer will automatically try to substitute unsupported fonts. Font substitutions may lead the document page layout to look different on The RMP-8200 CINEMA ON-THE-GO. If no font substitutions are available, the text will display as blanks. The office viewer supports embedded fonts in PDF documents but not Microsoft® Word documents. The office viewer will use the embedded font rather than The RMP-8200 CINEMA ON-THE-GO's system fonts.

Note:
If the office viewer runs out of memory, some of the last pages in the file may display as blank pages.
Tip: If the document file contains special fonts or formatting, save the file in PDF file format and embed the fonts. The embedded fonts will be part of the file and eliminate font substitutions.

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Embedded Objects Support

The office viewer supports autoshape, lines, and Microsoft® Excel® and PowerPoint® objects. Some objects have limited or no support and will be substituted or left blank.

Viewing a Document; word, excel, presentation and pad file

1. Choose and press MENU on the key pad to select the document as wish to view. The RMP-8200 CINEMA ON-THE-GO will display seven files at a time. Press the DOWN button to see other files further down the file list.
2. Press the MENU button to display the document.
3. Zoom in and Pan around a page

Once the document is open, press the MENU button on the keypad to zoom in the document page. The page will magnify each time you press the MENU button. The zoom in levels are: 1x (normal), 2x, 4x and 8x, then back to the normal. You can pan around the page which is magnified by using the key pad buttons UP ▲ , DOWN ▼, RIGHT ▶ & LEFT ◀

Scrolling Through Pages

press the UP ▲ and DOWN ▼ buttons on the key pad to scroll through the document pages while the page is normal.

Return to File List

Press the BACK button to return to the main menu.

Office Files Support

Supported Versions of Microsoft® Excel®
The office viewer supports Microsoft® Excel® 95, Microsoft® Excel® 97, Microsoft® Excel® 2000, Microsoft® Excel® 2003, and Microsoft® Excel® 2007 xls and xlsx files.

Font and Number Support

The RMP-8200 CINEMA ON-THE-GO has limited font and number support and the office viewer will automatically substitute unsupported fonts or numbers.

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Viewing a Spreadsheet File

1. Use the UP ▲ and DOWN ▼ buttons on the key pad to select the document as wish to view. The RMP-8200 CINEMA ON-THE-GO will display seven files at a time. Press the DOWN ▼ button to see other files further down the file list.
2. Press the MENU button to open the document.
3. Zoom in and Pan around a page

Once the document is open, press the MENU button on the keypad to zoom in the document page. The page will magnify each time you press the MENU button. The zoom in levels are: 1x (normal), 2x, 4x and 8x, then back to the normal. You can pan around the page which is magnified by using the key pad buttons UP ▲ , DOWN ▼, RIGHT ▶ & LEFT ◀

Scrolling Through Pages

Press the UP ▲ and DOWN ▼ buttons on the key pad to scroll through the document pages while the page is normal,

Return to File List

Press the BACK button to return to the main menu.

Note:
During magnify and pan operation in a spreadsheet, the image quality will degrade for a brief moment and then return to normal.

Select Another Spreadsheet

When the page is not magnified, press the UP ▲ and DOWN ▼ buttons on key pad to select another worksheet in the workbook.

Return to File List

Press the BACK button to return to the main menu.

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Presentation Files

The RMP-8200 CINEMA ON-THE-GO uses the Picsel FileViewe to open and view Microsoft® PowerPoint files.

File Support

Supported Versions Of Microsoft® PowerPoint® The office viewer supports Microsoft® PowerPoint® 95, Microsoft® PowerPoint® 97, Microsoft® PowerPoint® 2000, Microsoft® PowerPoint® 2003, and Microsoft® PowerPoint® 2007 ppt and pptx files.

Font Support

The RMP-8200 CINEMA ON-THE-GO has limited font support and the office viewer will automatically substitute unsupported fonts. Font substitutions may lead the presentation slide layout to look differently on The RMP-8200 CINEMA ON-THE-GO.

Embedded Objects Support

The office viewer supports autoshape, lines, and Microsoft® Excel® and Word objects. Some objects have limited or no support and will be blank.

Viewing a Presentation

1. Use the UP ▲ and DOWN ▼ buttons on the key pad to select the document as wish to view. The RMP-8200 CINEMA ON-THE-GO will display seven files at a time. Press the DOWN ▼ button to see other files further down the file list.
2. Press the MENU button to open the document.
3. Zoom in and Pan around a page.

Once the document is open, press the MENU button on the keypad to zoom in the document page. The page will magnify each time you press the MENU button. The zoom in levels are: 1x (normal), 2x, 4x and 8x, then back to the normal. You can pan around the page which is magnified by using the key pad buttons UP ▲ , DOWN ▼ , RIGHT ▶ & LEFT ◀

Scrolling Through Pages

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Press the UP ▲ and DOWN ▼ buttons on the key pad to scroll through the document pages while the page is normal,
Return to File List
Press the BACK button to return to the main menu.

Note:
save the file in pdf file format and embed the fonts if the document file contains special font or format. The embedded fonts will eliminate font substitutions.

Cleaning The RMP-8200 CINEMA ON-THE-GO

1. Turn off The RMP-8200 CINEMA ON-THE-GO and disconnect power and other cables.
2. Use a soft cloth to wipe off dust.
3. Never use cleaning chemicals or solvents to clean the device which may cause the plastic parts off-colored.

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Product Specification

Technology	LCOS
Resolution	640 X 480 (VGA)
Brightness	Up to 15 lumens
Language	English/Traditional Chinese/Simplified Chinese/French/ German/ Spanish / Portuguese/Italian /Turkish/Japanese
Contrast Ratio	200:1
Image Size	8 ~ 60" (203 - 1524mm)
Projection Distance	22 ~ 200 cm
Aspect Ratio	4:3
Zoom & Focus	Manual
Internal memory	2GB
External memory	Micro SD/T-Flash
USB	Data transfer, Battery charging
Input source	AV IN
Speaker	Stereo(0.5W)
Power Supply	5V,2A, 110 – 240V
Weight	145g (with battery)
Dimension	132 x 53 x 23 mm
Battery	3.7V, 1800 mAh
Charge time	2.5 hours(by Power adaptor)
Operating Temp. of battery	Charge：0 ~ 45°C
	Discharge：-20 ~ 60°C
Operating Time	Video:80min(high brightness)
	Music：4.5 hours
Operating Temp.	0 ~ 30°C
Storage Temp.	-20 ~ 60°C
Temp. protection	OSD display: Warring: 100°C @light source NTC temp. Or 80°C @ panel Shut down:110°C @light source NTC temp. Or 82°C @ panel

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*LED indicator	Green：Power
	Amber：Charge
	Red：Low battery
	Blue：Key pad
File format	Video：H.264, MPEG4, AVC
	Audio：MP3
	Picture：JPG, JPEG, BMP
	Other：Word, Power Point, Excel, Text, PDF reader

Right after Red LED light is on, plug in with attached power adaptor immediately is recommended. If not, the system will automatically shut-off to protect battery from over-discharge. To solve the shut-off, plug in with the power adapter in place, switch off and then switch on. The system should work properly.

Trouble Shooting

Q: The device will not turn on.

A: • The battery is installed in the wrong orientation. **See “Insert the battery” on page 4**
Try to remove and replace the battery.
• The battery is not properly installed, or the power adapter is not connected to the device and a working wall outlet. Test the electrical outlet by plugging another electrical device (like a CD,DVD player) into the wall outlet to confirm that the wall outlet works.

Q: The status indicator is red or no light

A: • The battery needs to be charged or reinstalled.

Q: The image is not visible or is very dim.

A: The ROYALTEK RMP-8200 CINEMA ON-THE-GO is a battery-operated device and requires in controlled lighting conditions for good performance. The image may appear very dim in brightly lit rooms.
• Project the image on a flat, white surface.
• Decrease the light on the surface where the image is being projected.
• Decrease the size of the image.

Q: My video device is connected to the device but the device will not display

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the video.

A: Unplug the AV cable from the device and the home screen will display. Plug the AV cable into the device and the icon in the upper-left corner of the image will display the “AV cable” icon. The video output on some devices is turned off by default. Please refer to the device’s documentation for details on enabling the video output.

Q: We tried to play iPhone's photos, but pictures couldn't be showed up through RMP-8200 Cinema-on-the-GO.

A: • Choice the iPod / iPhone TV OUT function, but iPod/iPhone only can output photo and video. Others function can't output.
• for iPod
Settings -> video -> TV Out Widescreen -> ON.

Q: Why use RMP-8200 then mobile have flicker problem in the main icon txt?(Nokia supoort Tv-out function mobile)

A: • Please follow the below procedure to setting.
Tools->Setting->General->Enhancement->TV-Out->Flicker filter (Select "ON")

Support

Need help?
For the latest firmware updates, User’s Manuals & Trouble Shooting please visit www.royaltek.com or contact the local distributor

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